

1/23

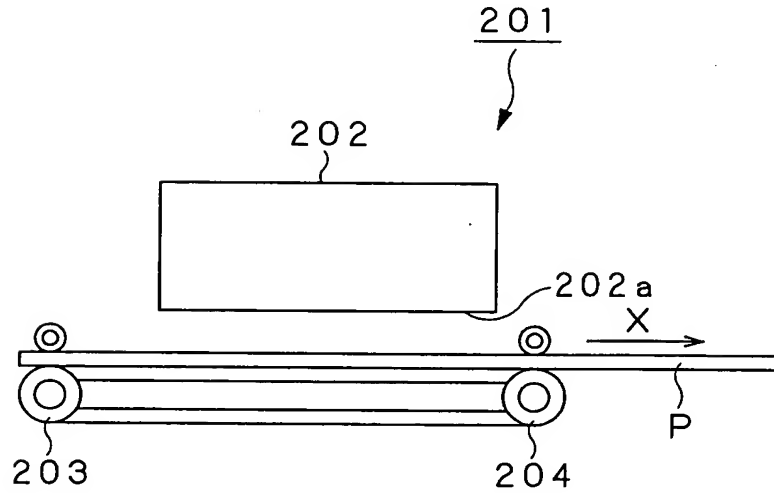


FIG. 1

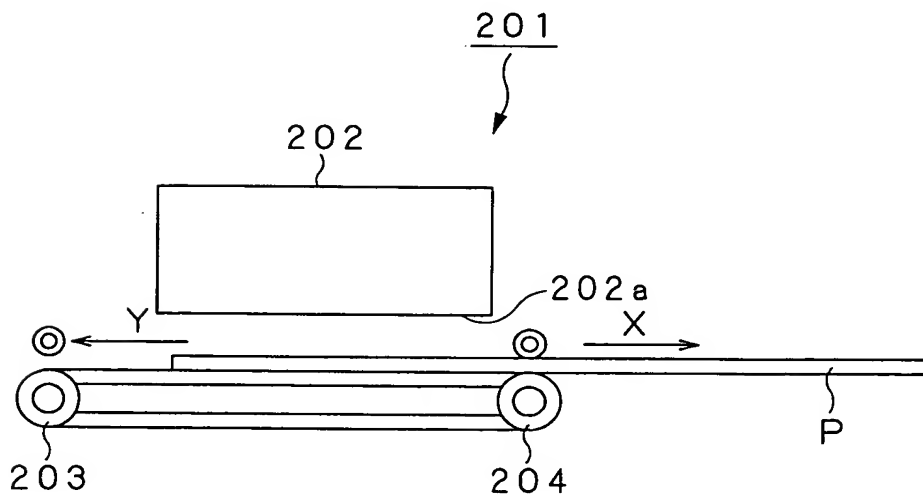


FIG. 2

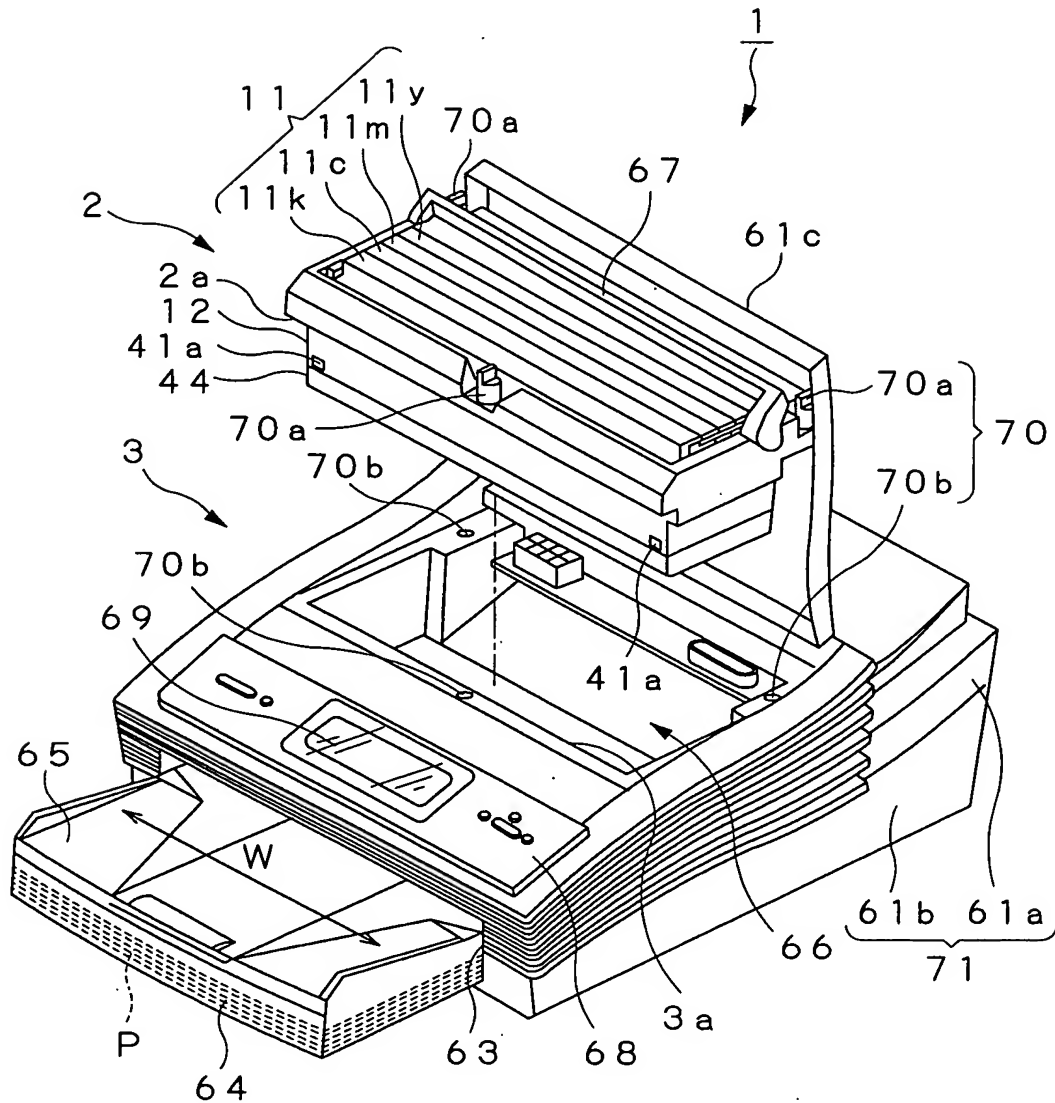


FIG. 3

FIG. 4

4/23

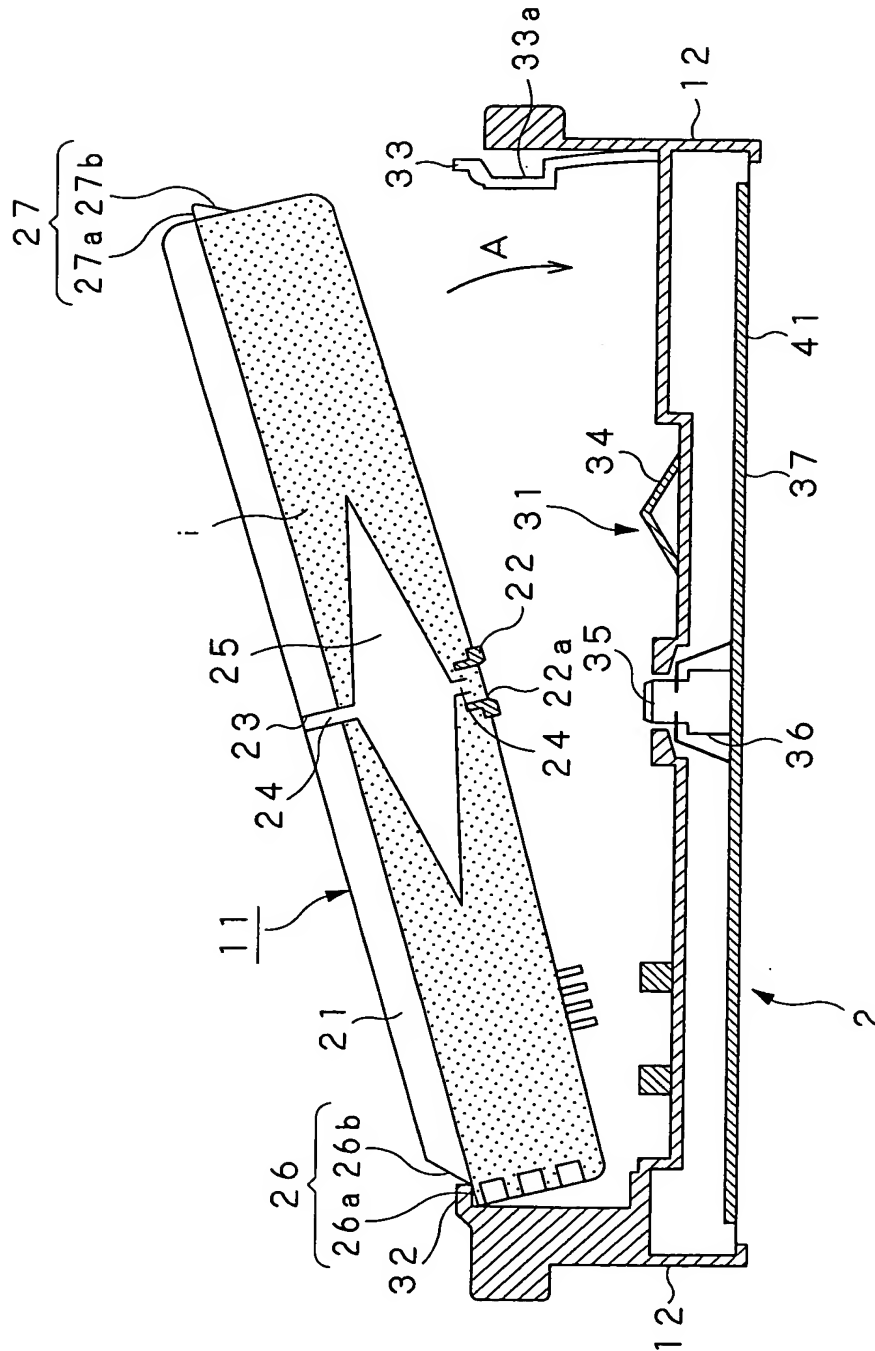


FIG. 5

5/23

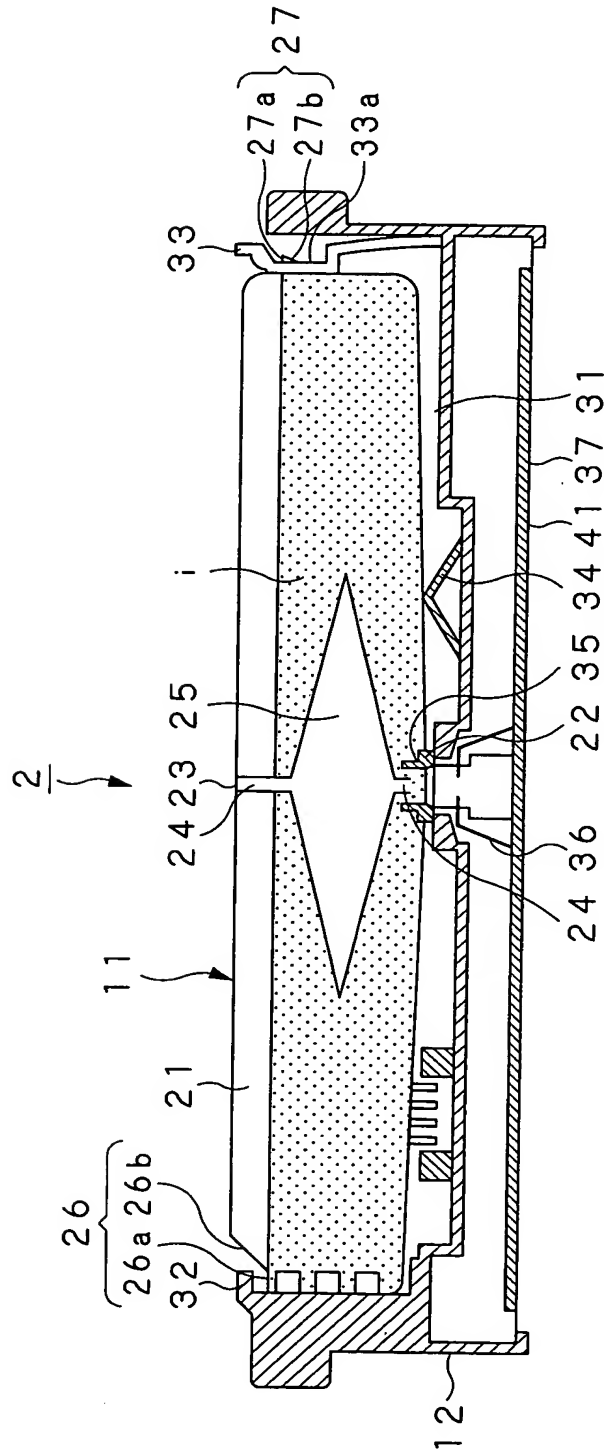


FIG. 6

FIG. 7

7/23

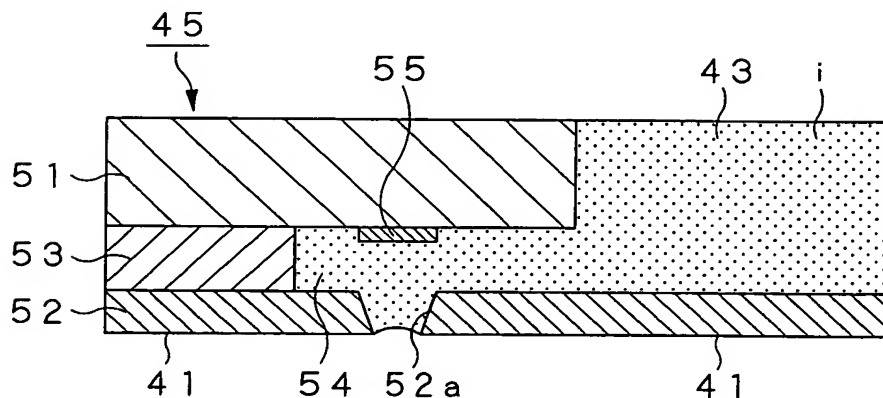


FIG. 8

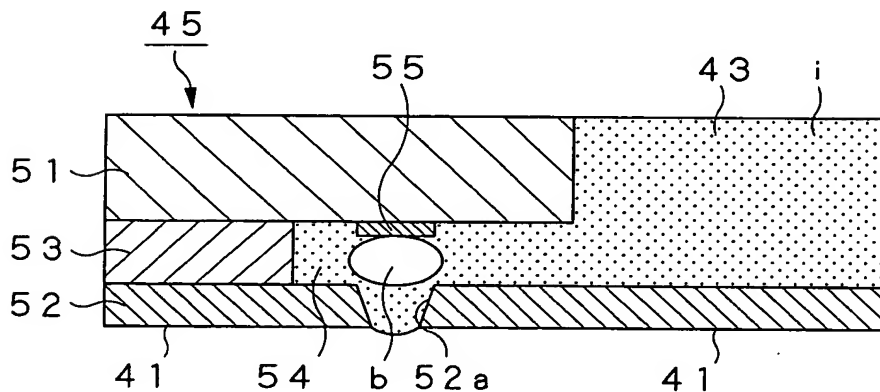


FIG. 9A

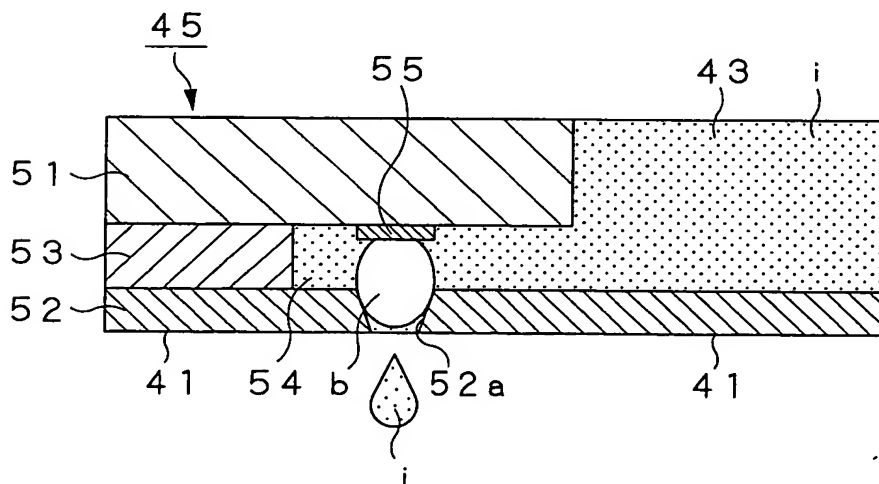


FIG. 9B

8/23

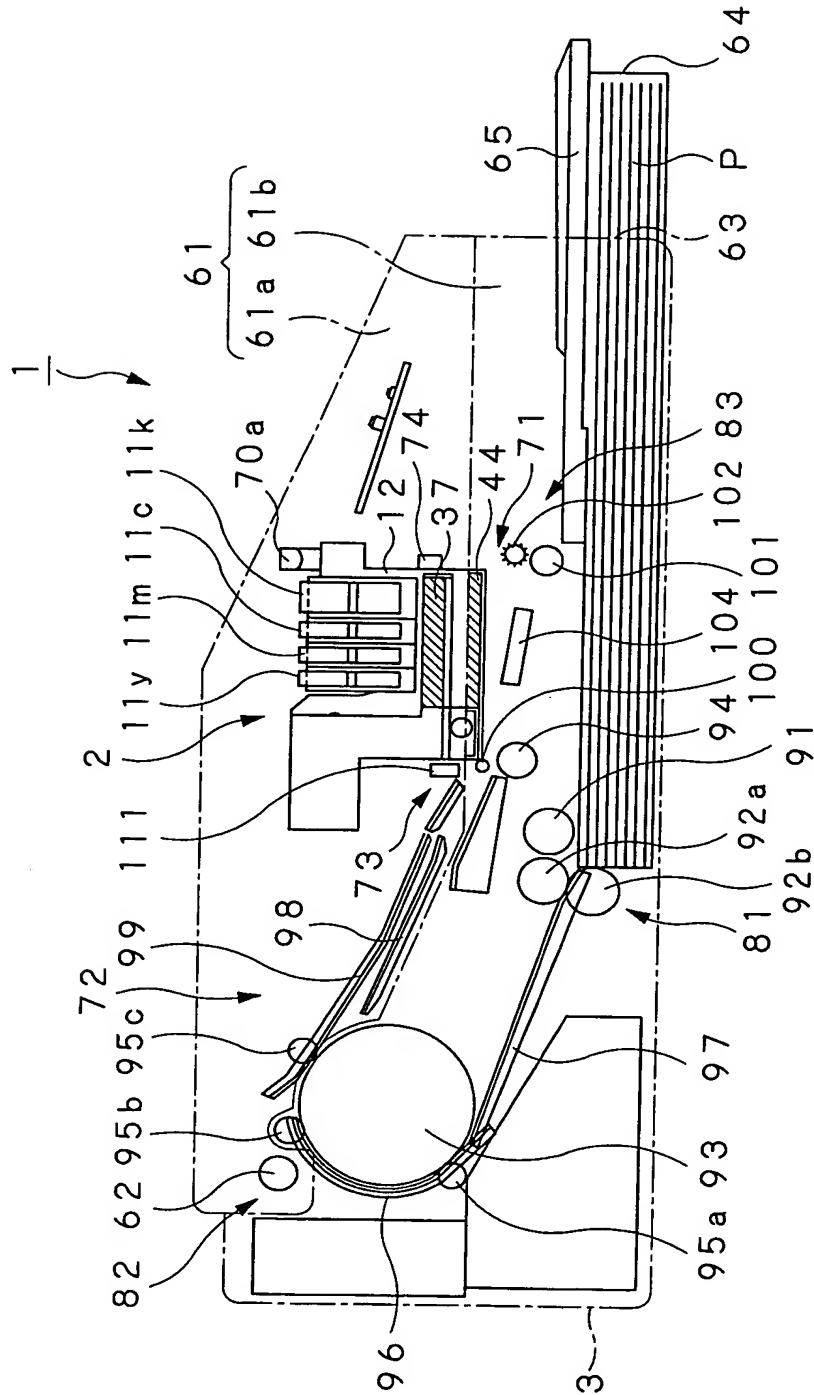


FIG. 10

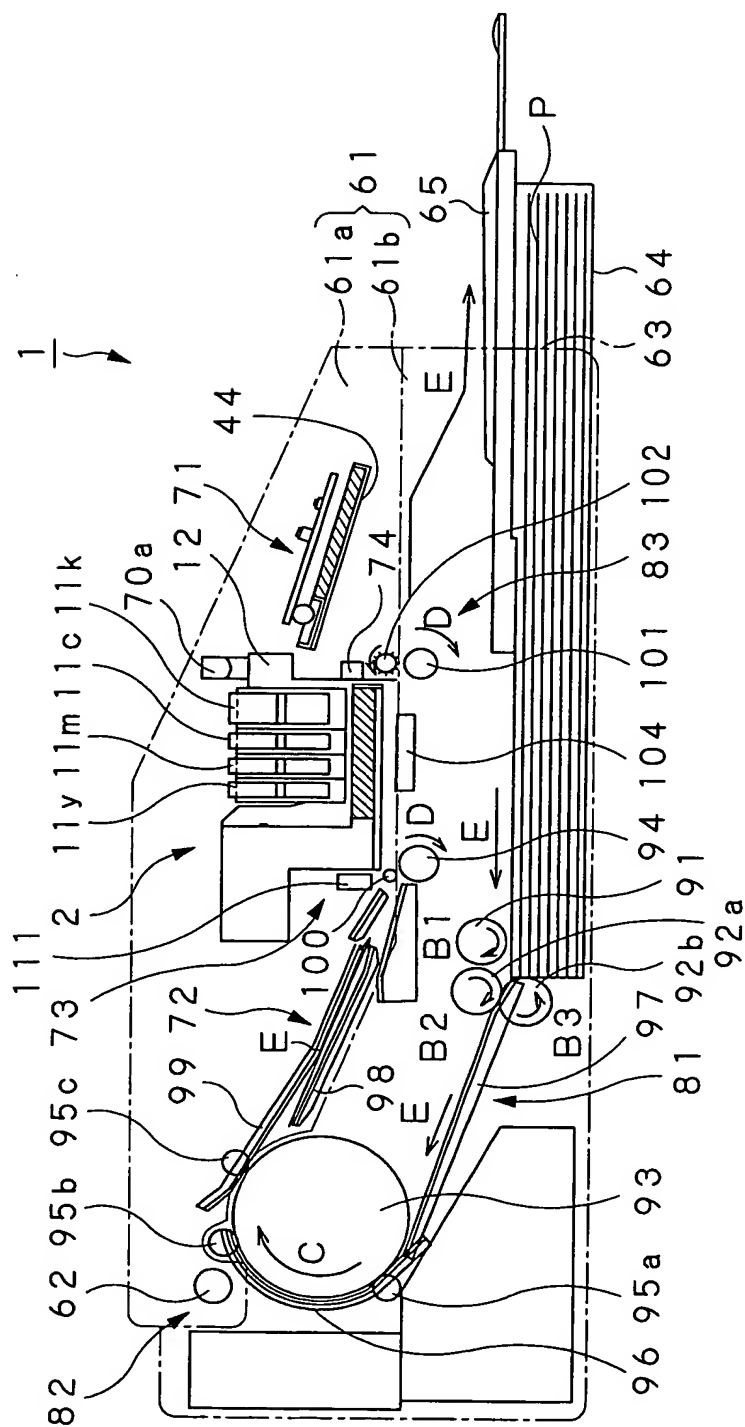


FIG. 11

10/23

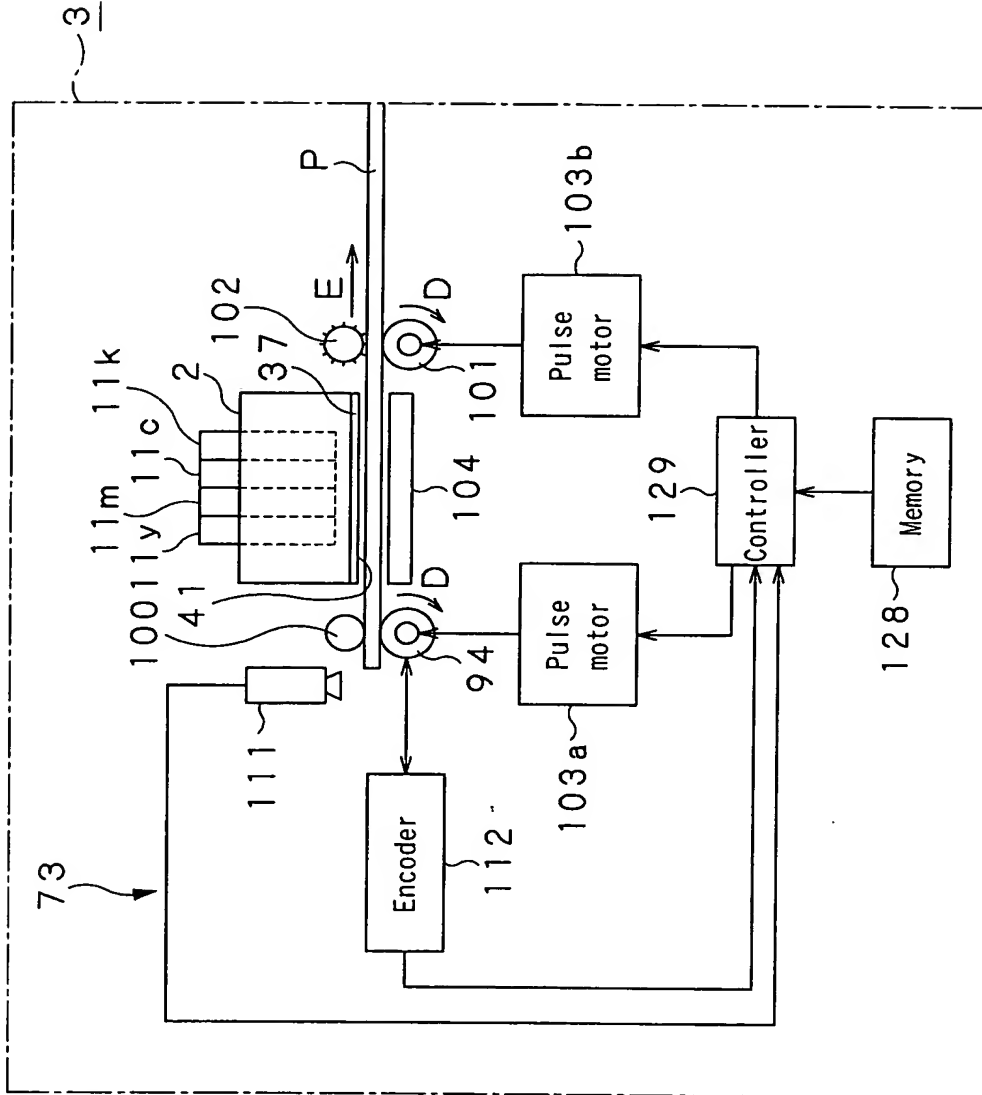


FIG. 12

11/23

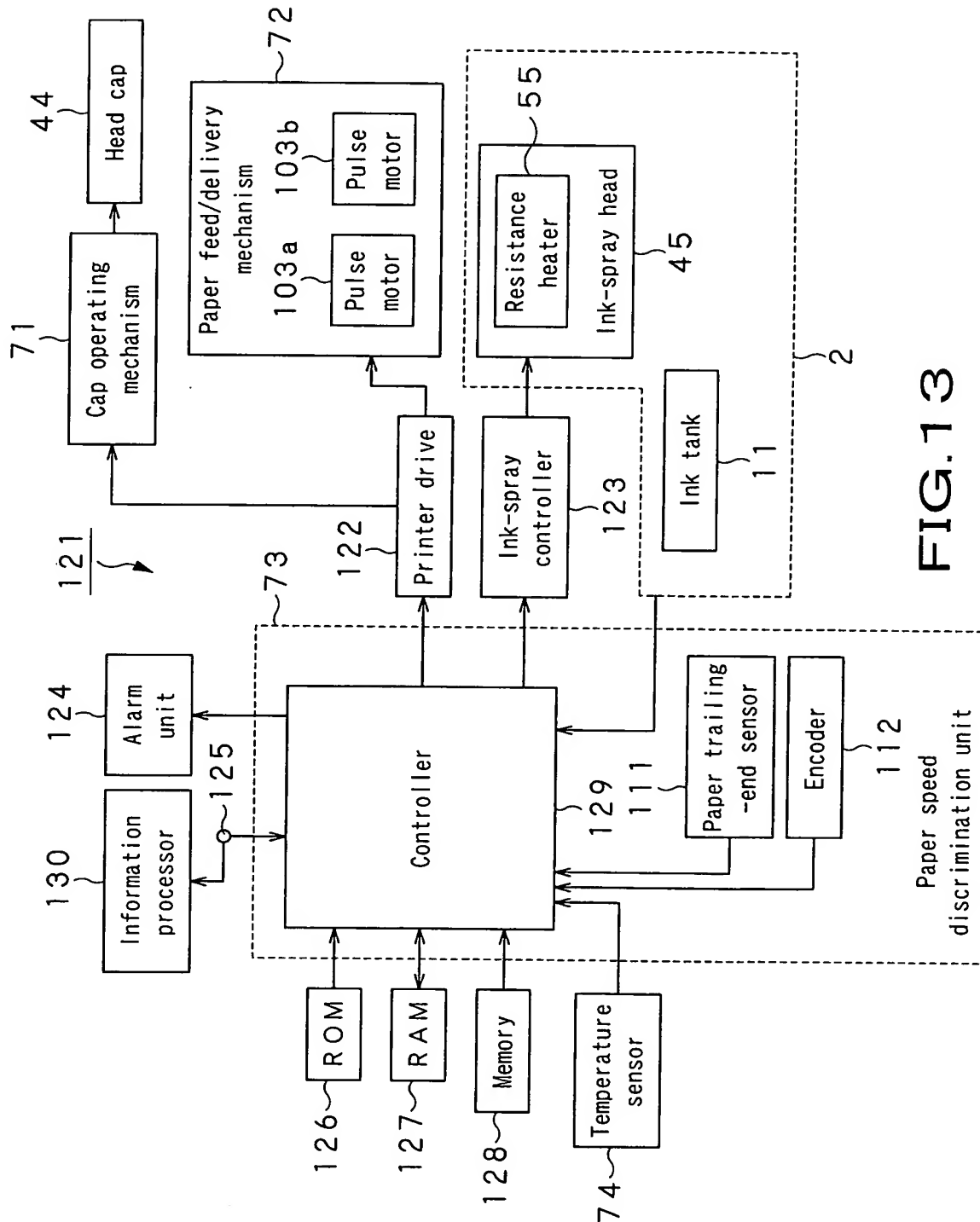
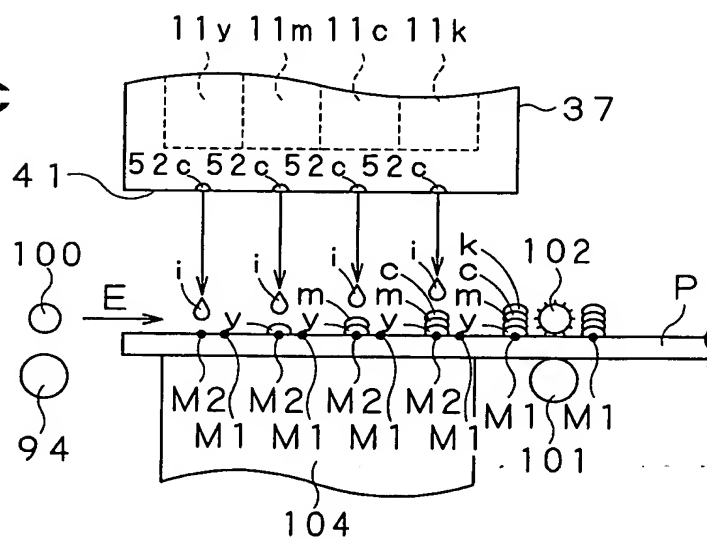
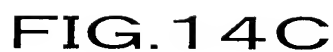
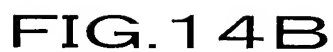


FIG. 13

FIG. 14A



13/23

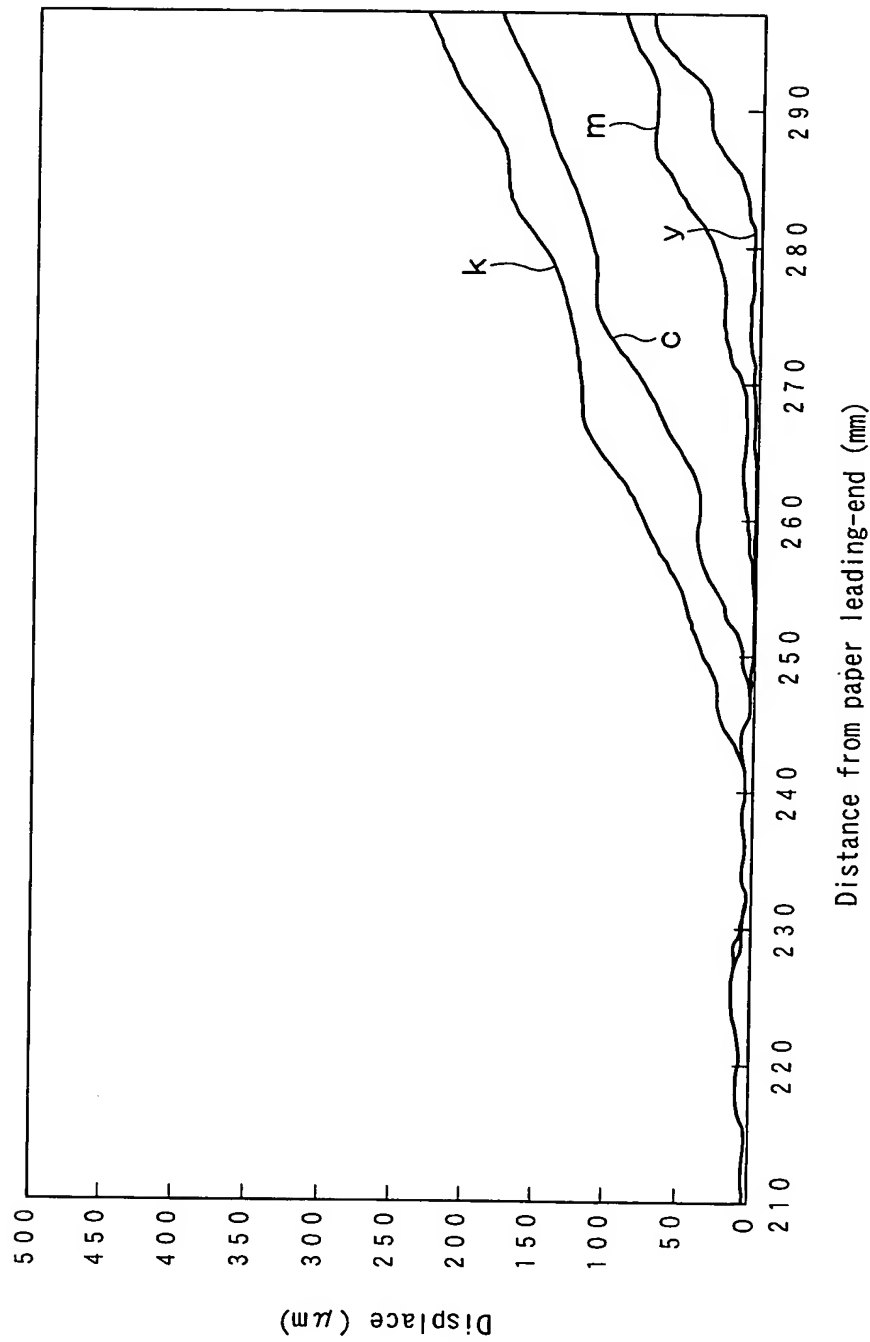


FIG. 15

14/23

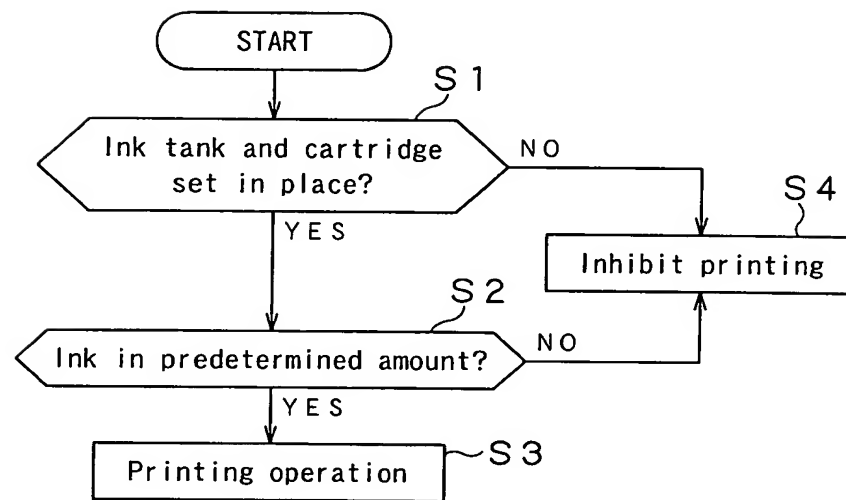


FIG. 16

15/23

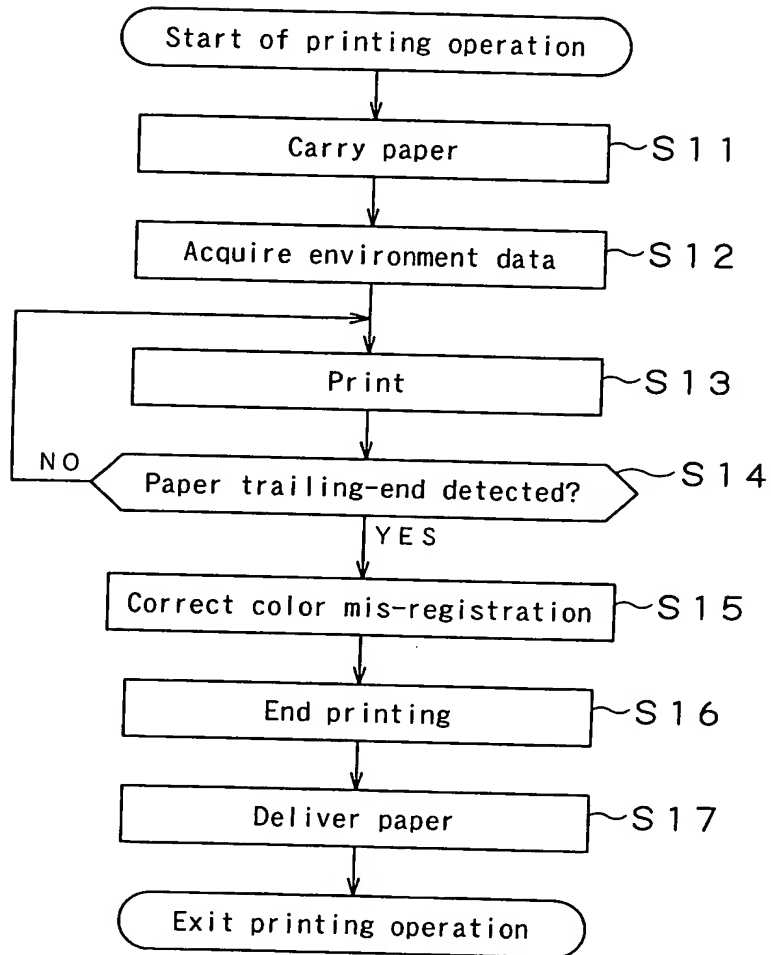


FIG. 17

FIG. 18

17/23

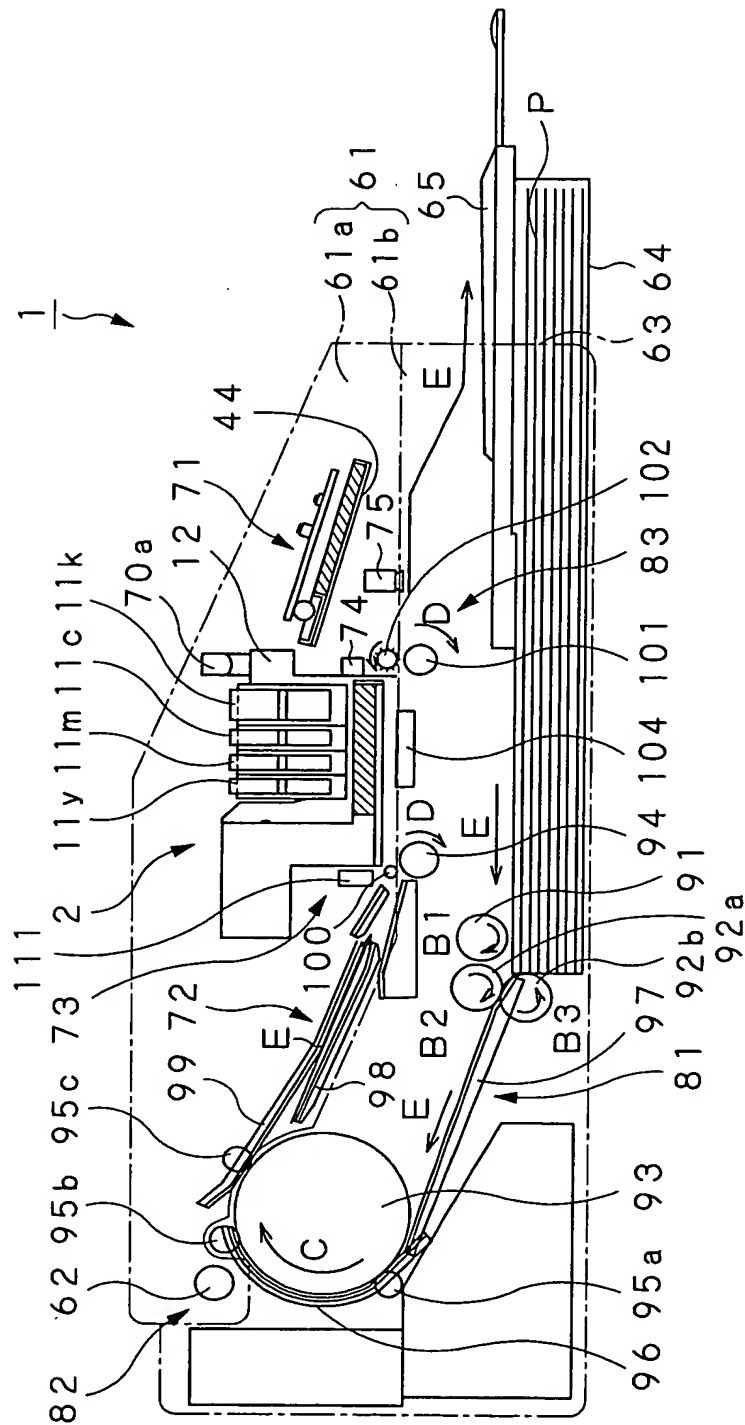
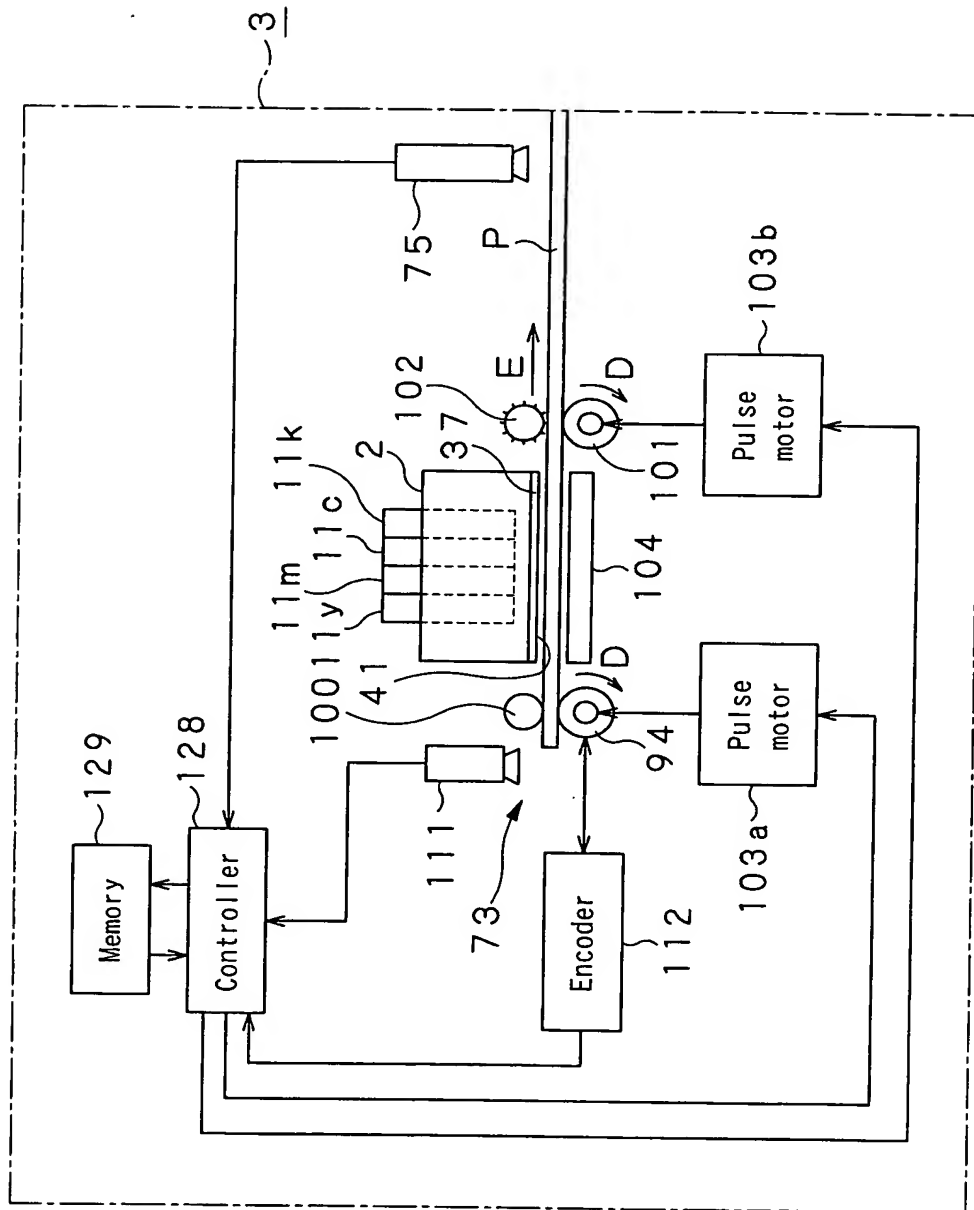


FIG. 19



19/23

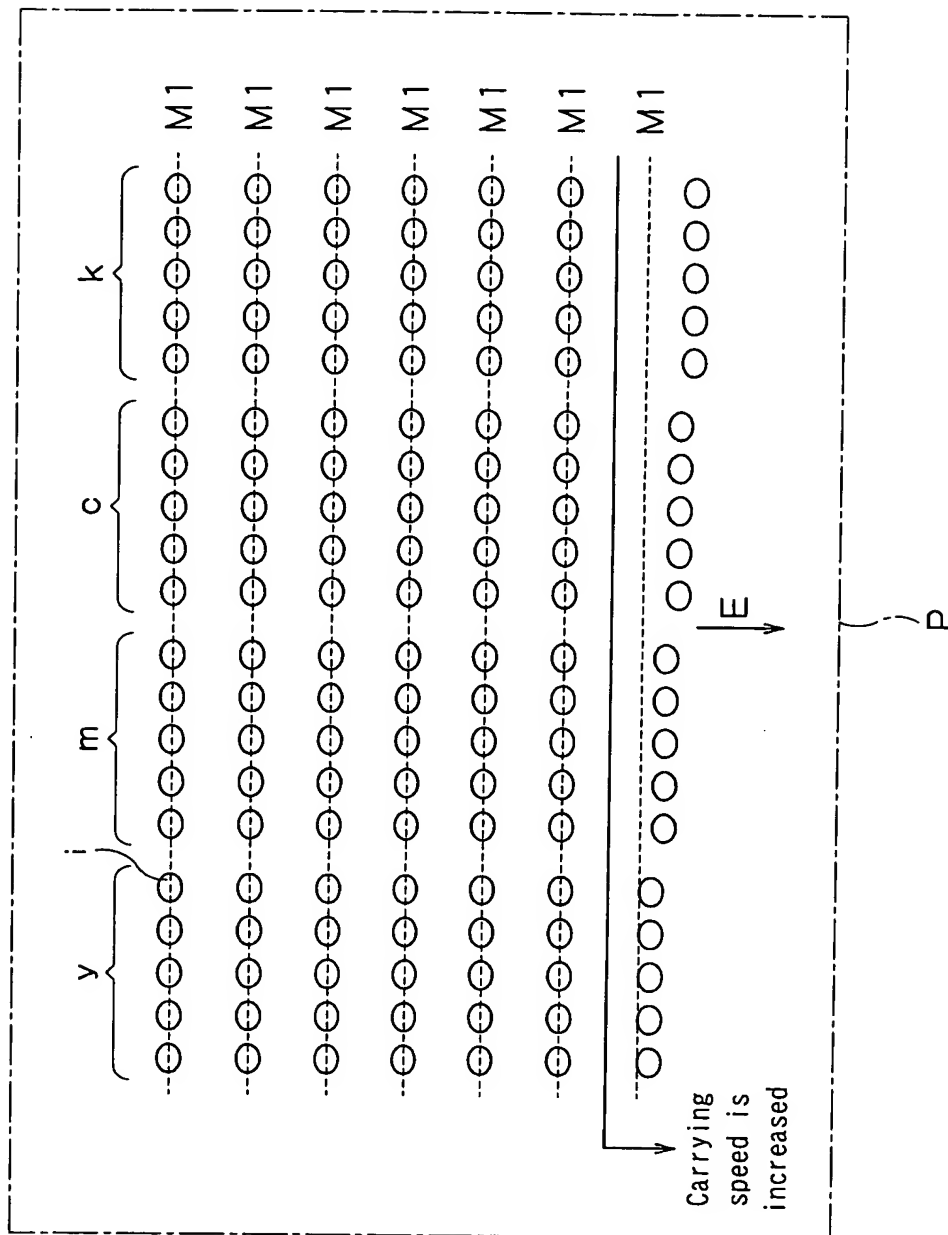


FIG. 21

20/23

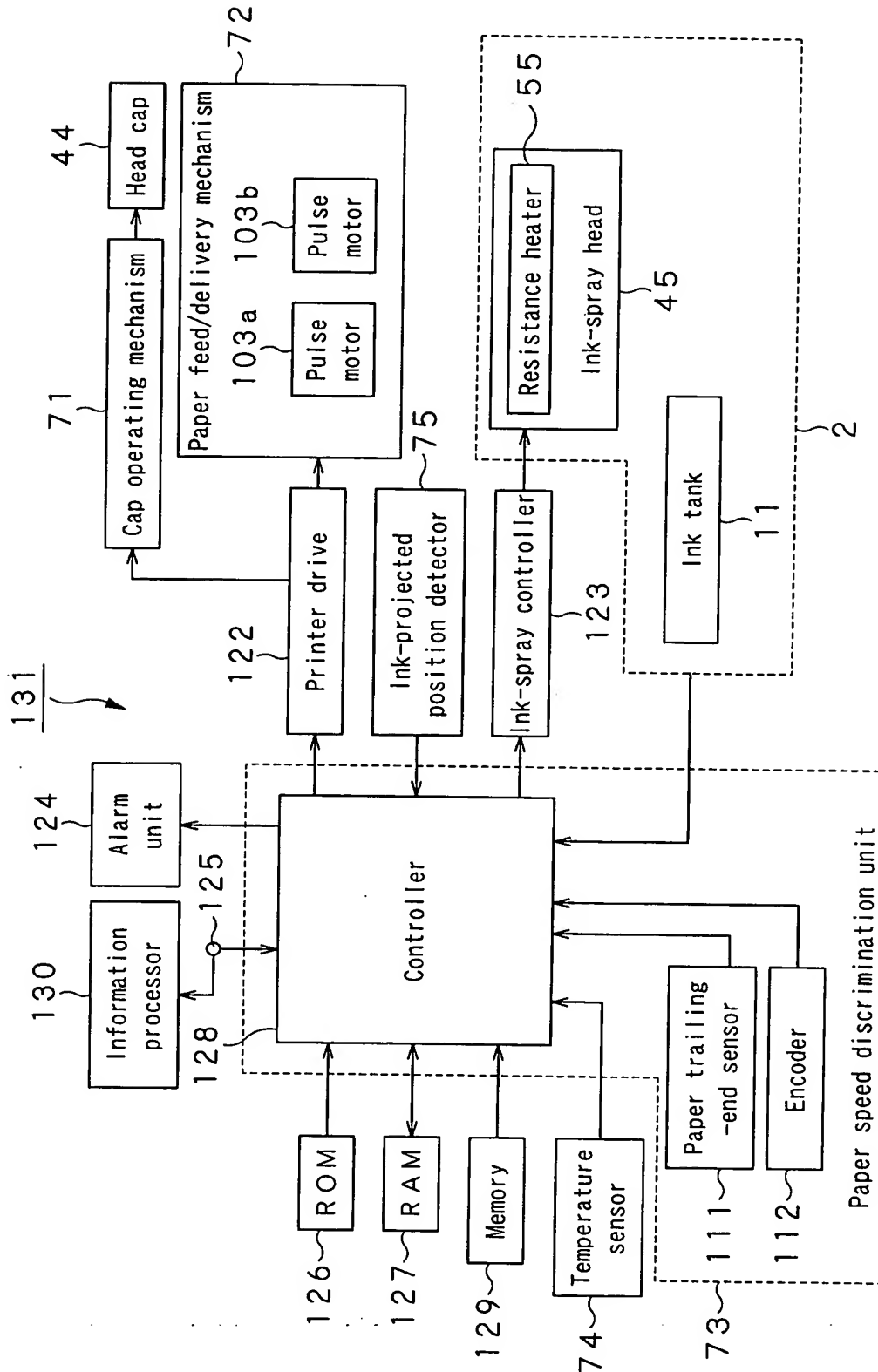


FIG.22

A schematic diagram of a magnetic head assembly. The main body is labeled 37. It features four vertical columns of magnetic elements labeled 11y, 11m, 11c, and 11k at the top. Below these are four sets of coils labeled 52c. Arrows indicate current flow from the coils through the magnetic elements to the recording surface 100. The recording surface has tracks labeled y, m, c, and k. A magnetic layer 94 is shown below the tracks. A slider 101 is positioned over the tracks. A coil 102 is also present. An arrow E indicates the direction of movement. A label P is at the bottom right.

22/23

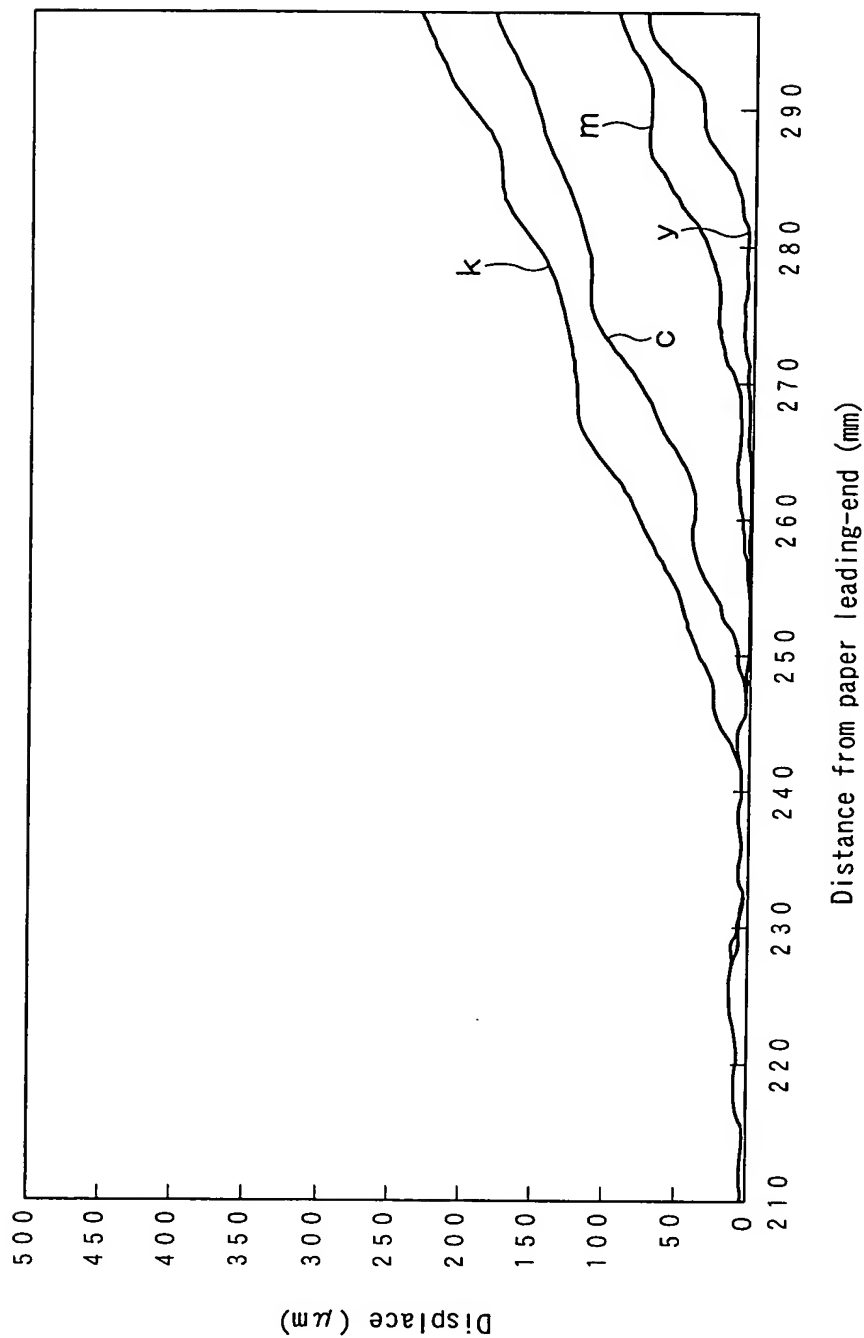


FIG.24

23/23

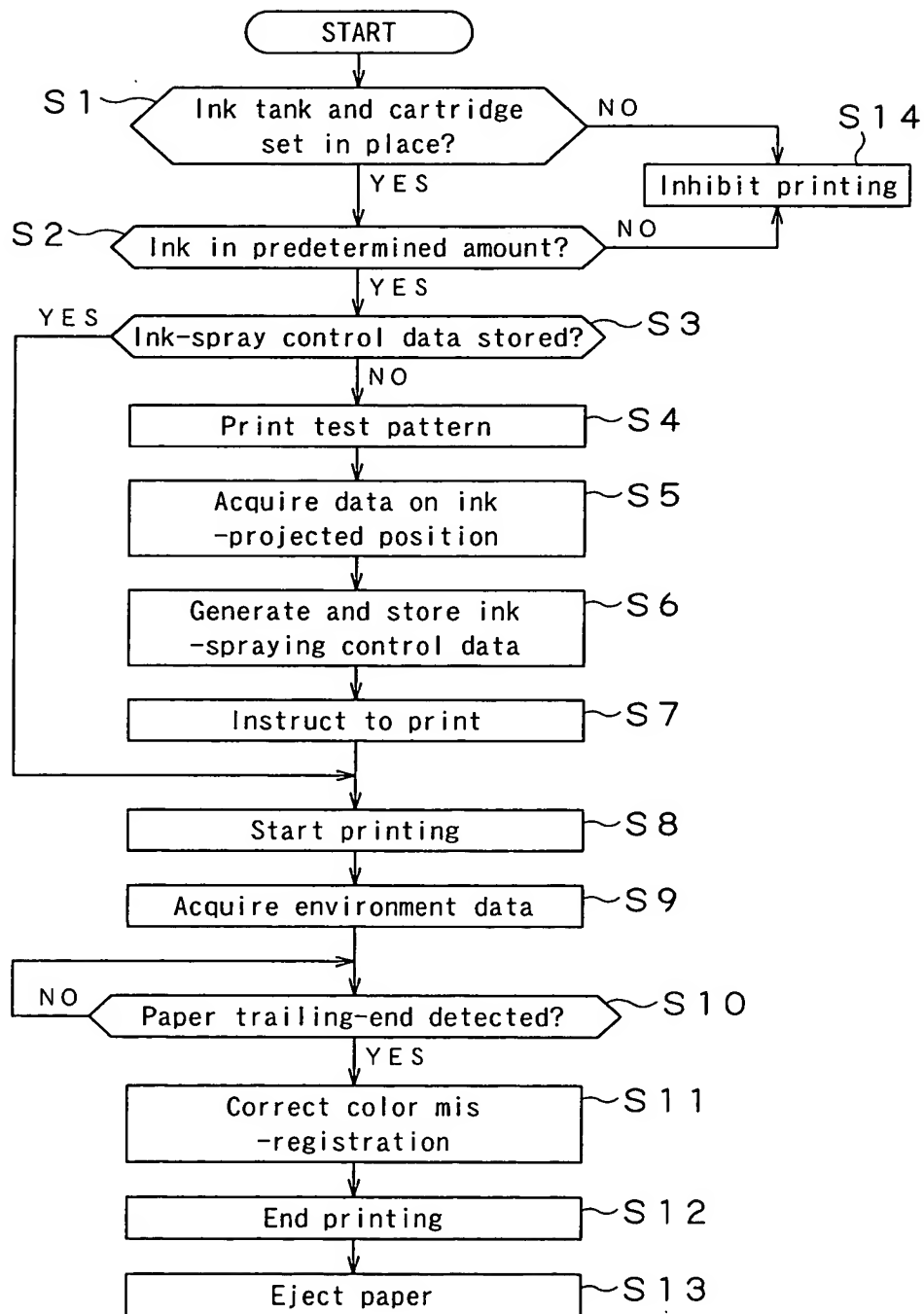


FIG. 25